

Fig. 1

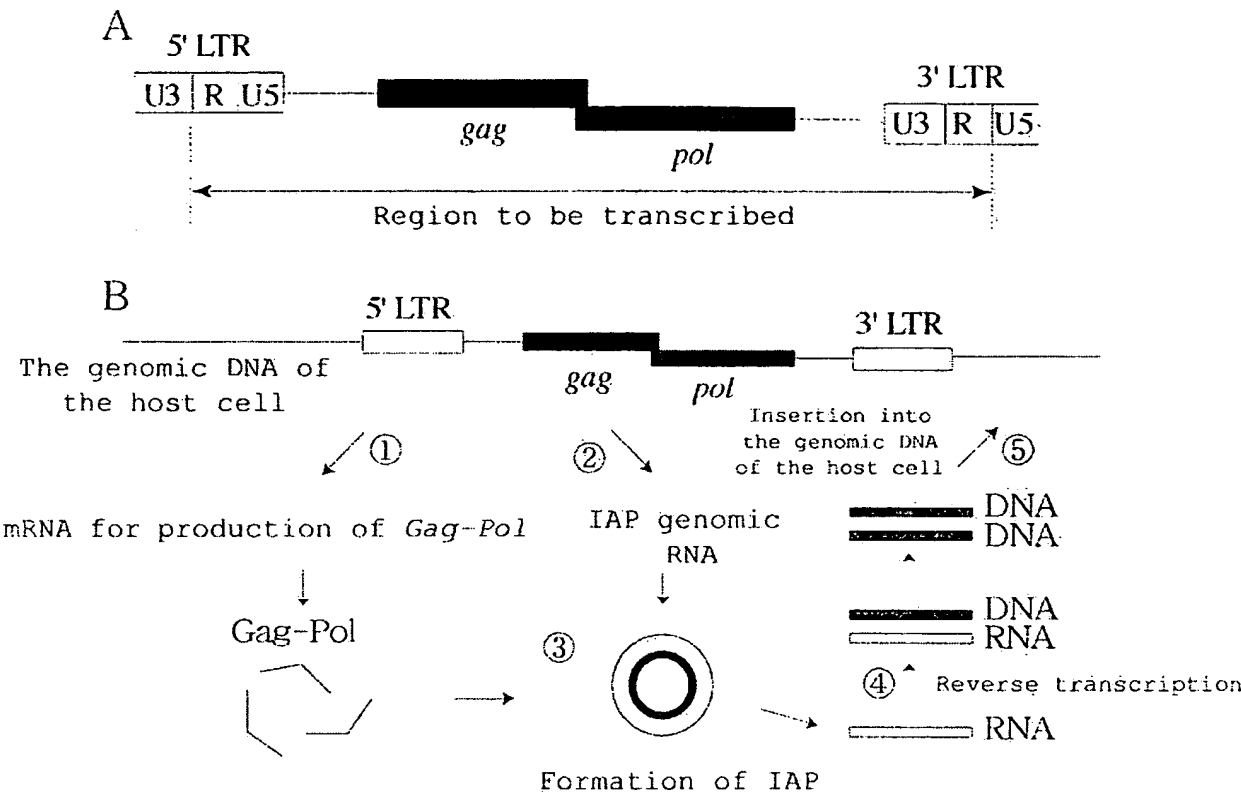


Fig. 2

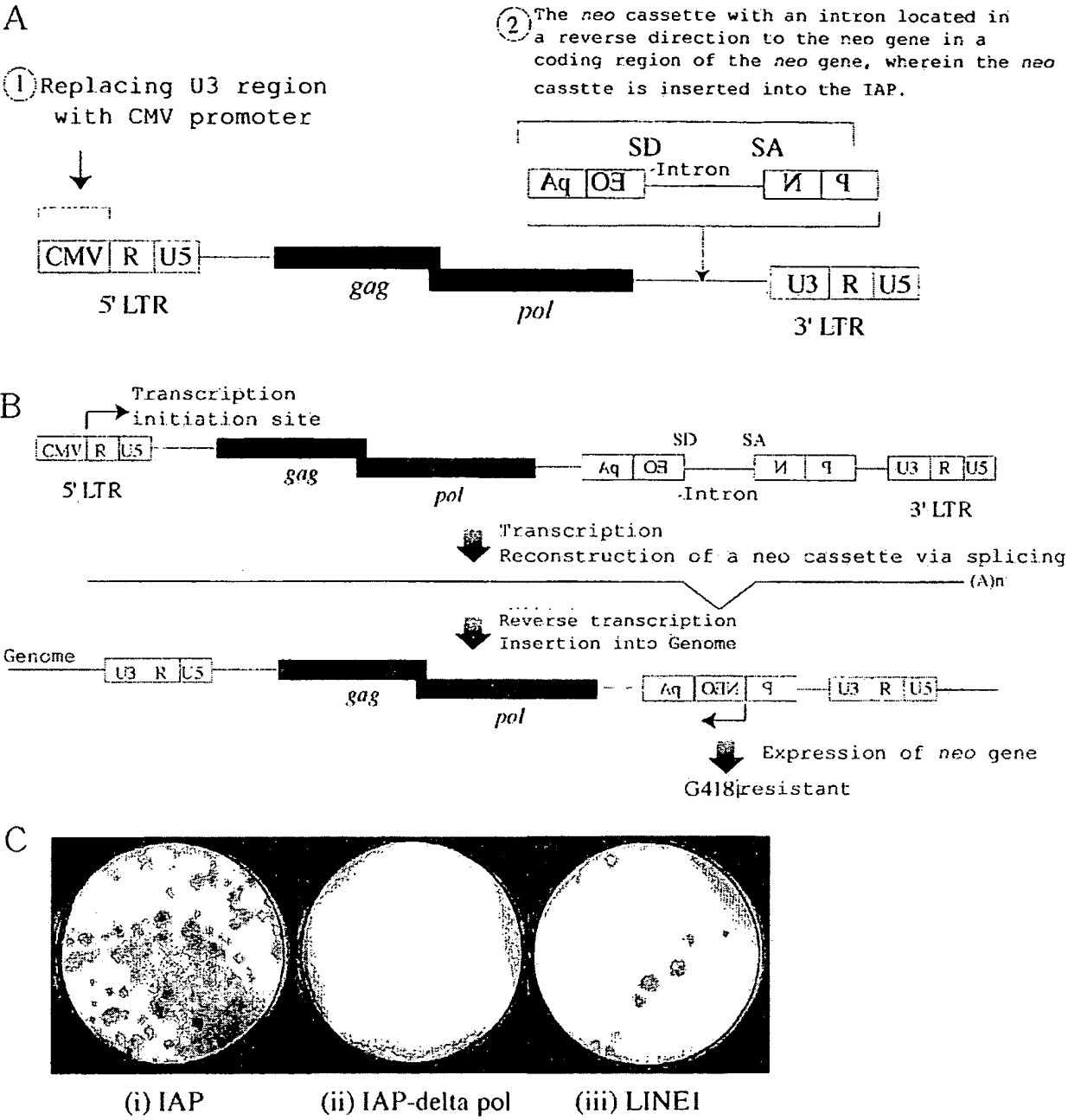
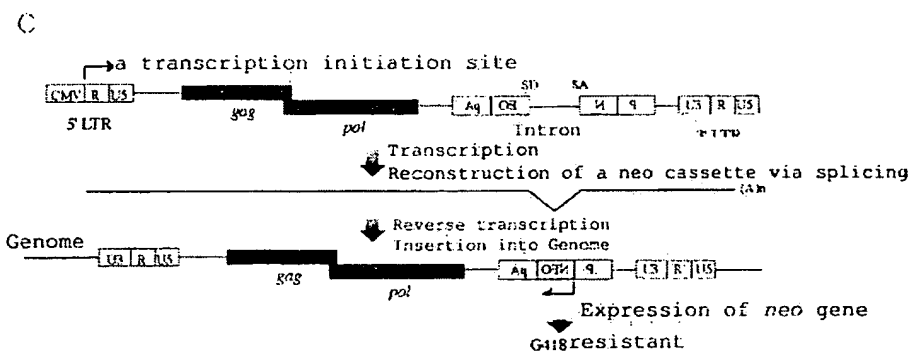
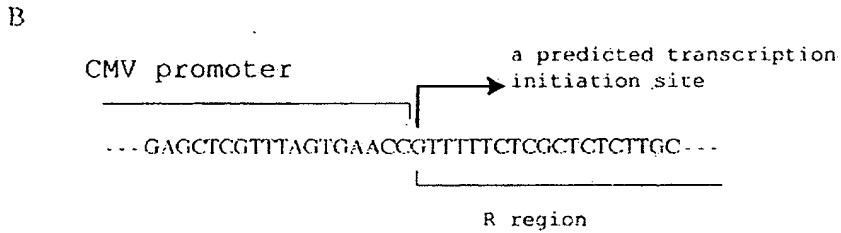
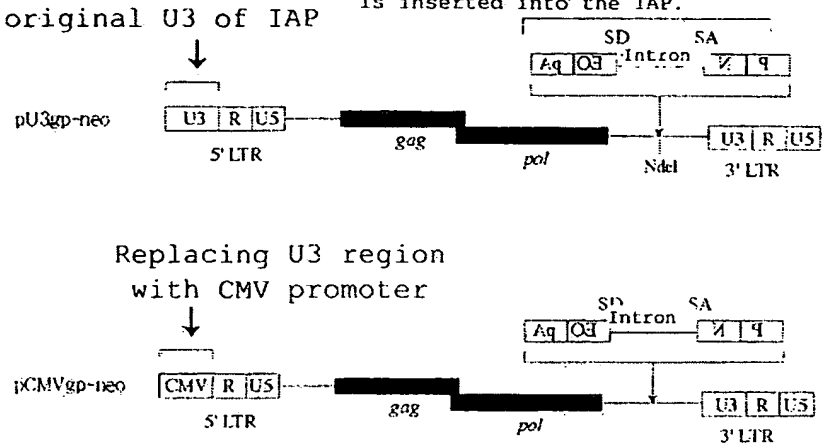


Fig. 3

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A The neo cassette with an intron located in a reverse direction to the neo gene in a coding region of the neo gene, wherein the neo cassette is inserted into the IAP.

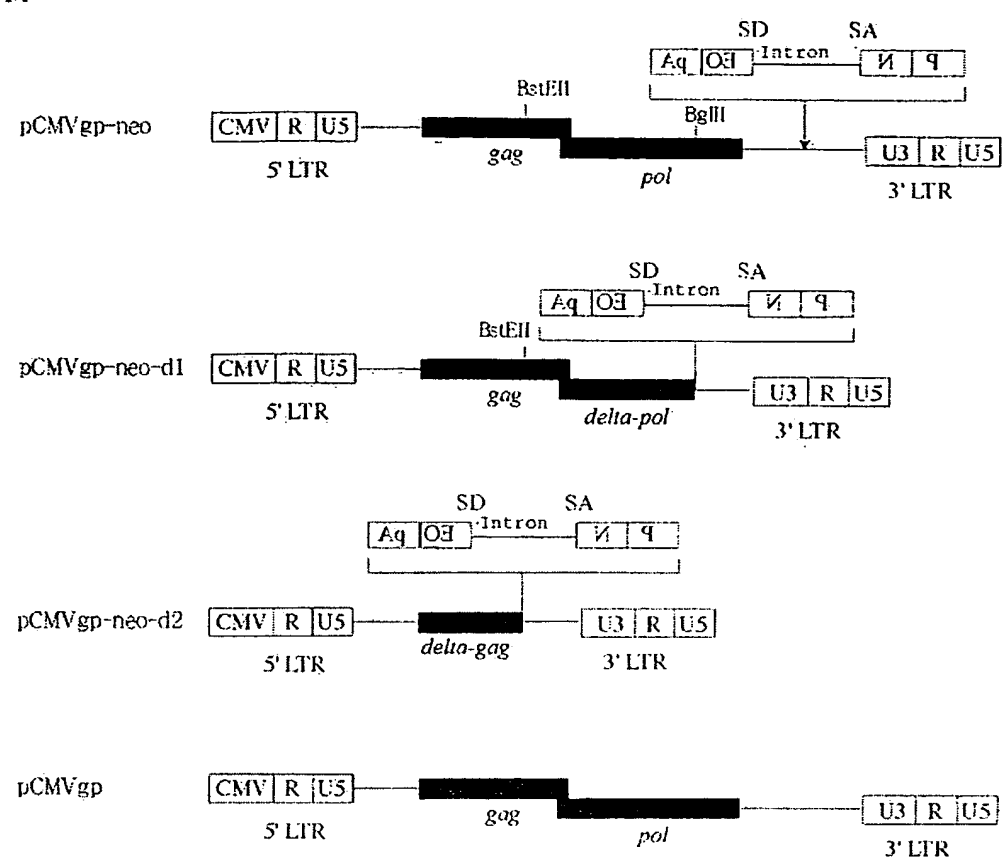


D

Vector	The number of G418 resistant colonies
Mock	0
pU3gp-neo	0
pCMVgp-neo	110
pJM101/L1.3(LINE1)	22

Fig. 4

A



B

Vector	The number of G418 resistant colonies
Mock	0
pCMVgp-neo	264
pCMVgf-neo-d1	0
pCMVgf-neo-d2	0
pCMVgf-neo-d1 + CMVgp	43
pCMVgf-neo-d2 + CMVgp	28

Fig. 5

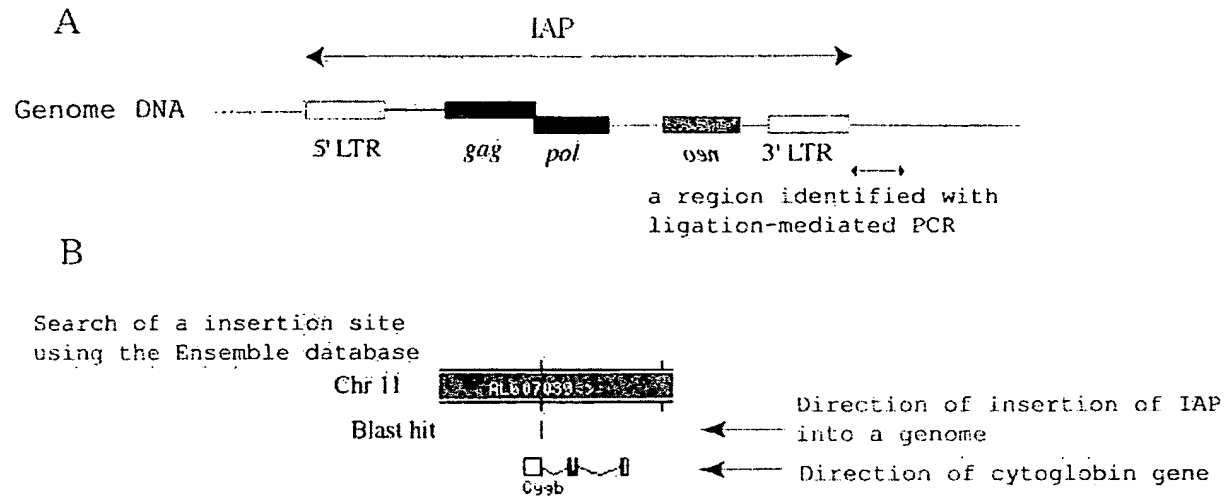
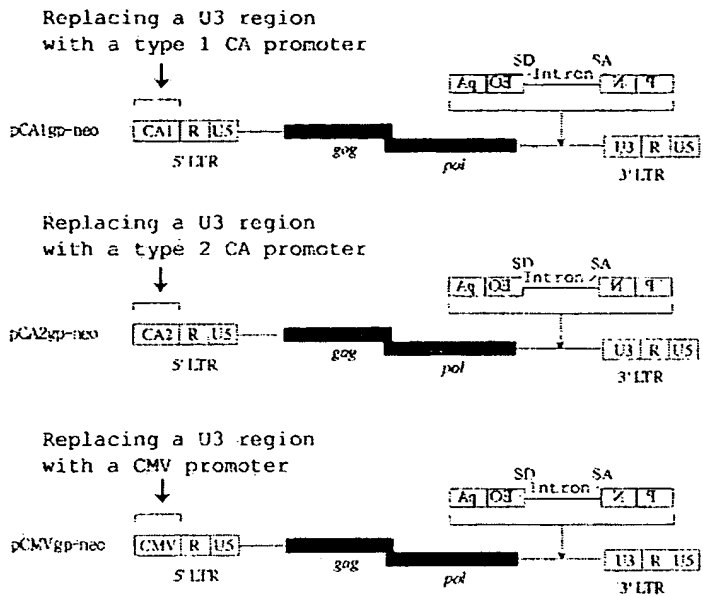


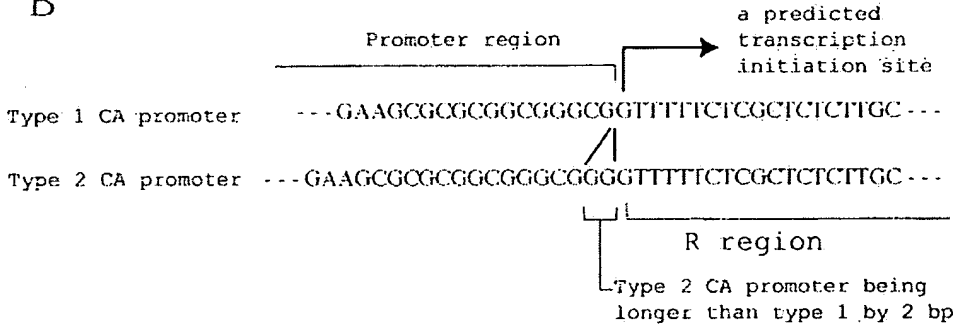
Fig. 6

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A



B



C

Vector	The number of G418 resistant colonies	
	NIH3T3	HeLa
pCA1gp-neo	65	95
	92	223
pCA2gp-neo	173	230
	124	185
pCMVgp-neo	92	208
	90	177

Fig. 7

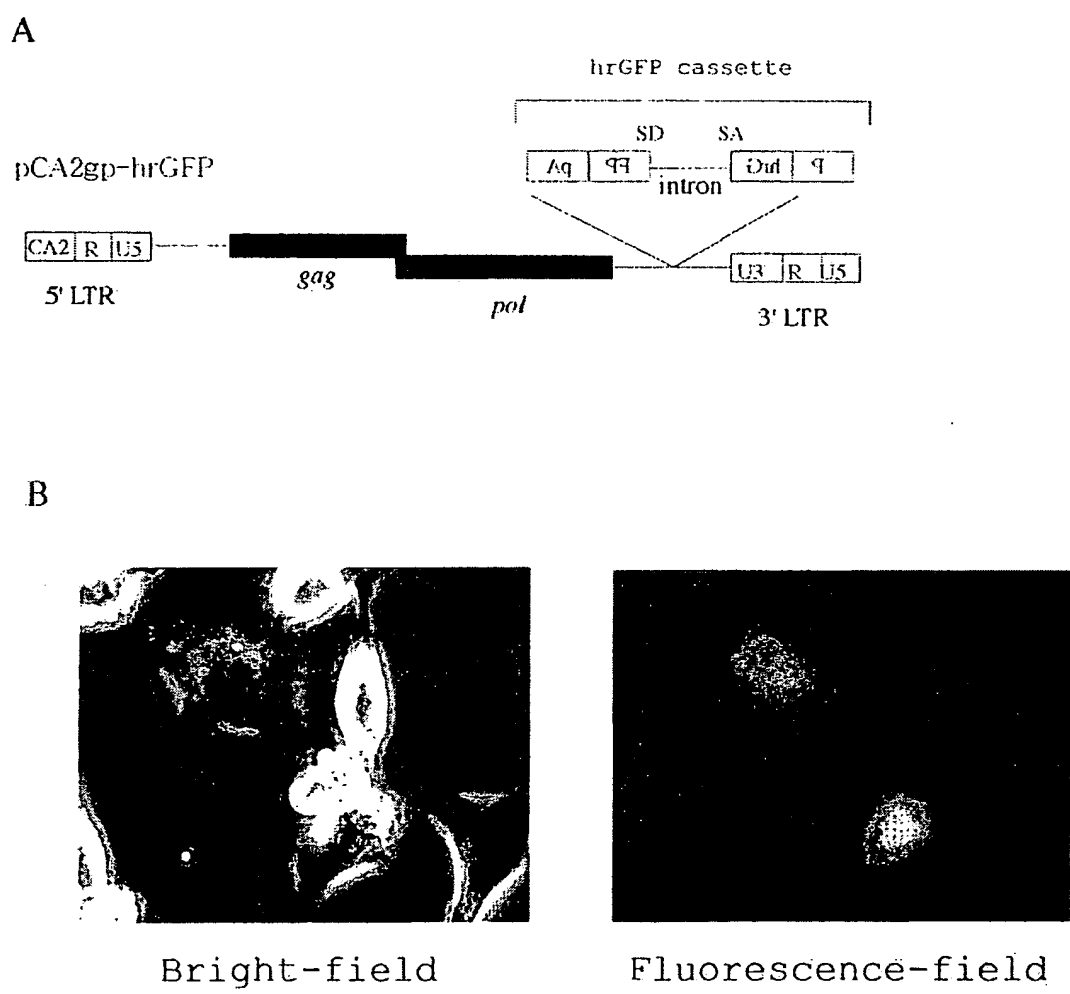


Fig. 8

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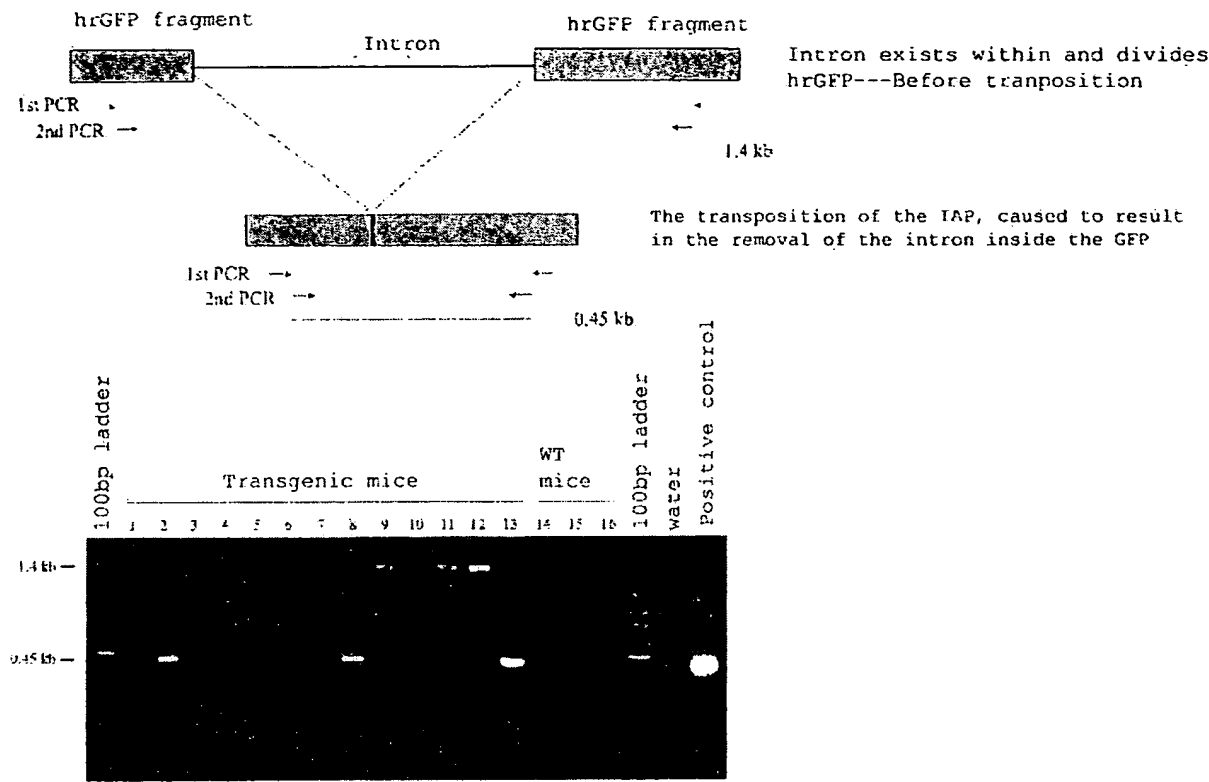
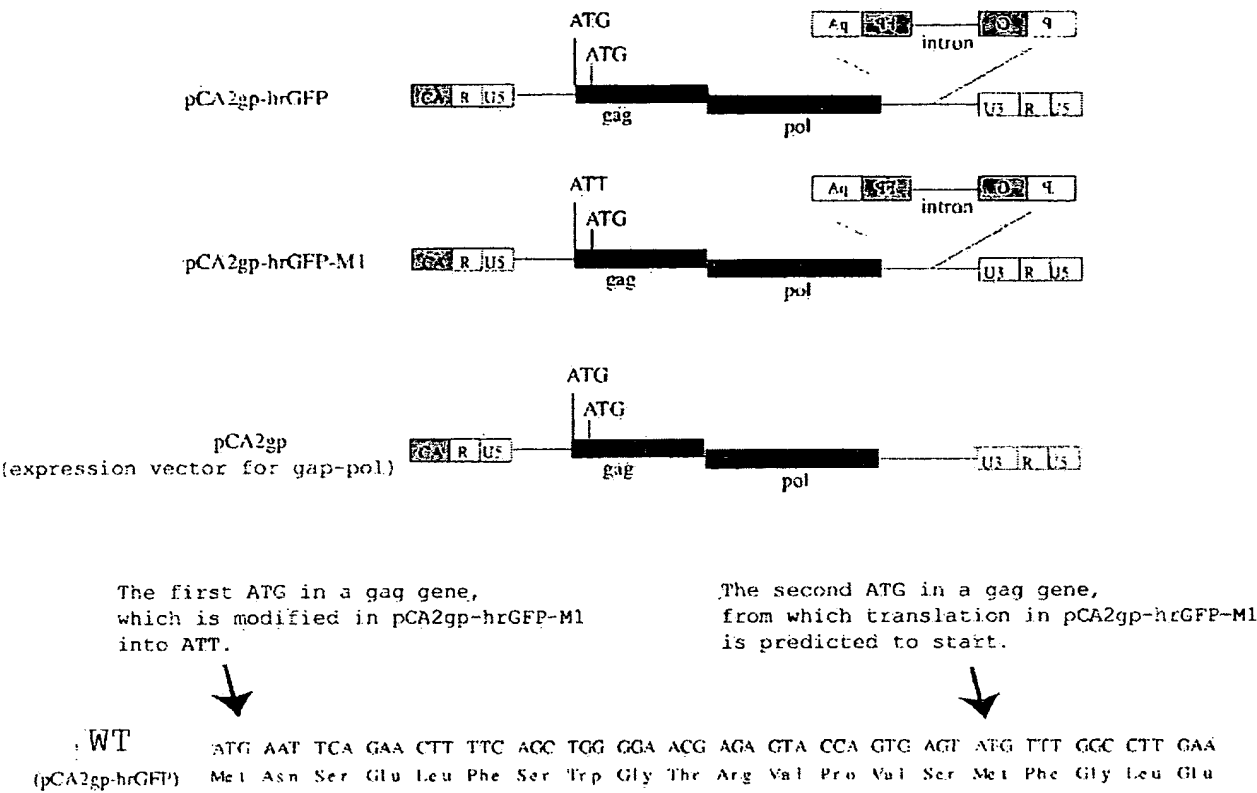


Fig. 9

A



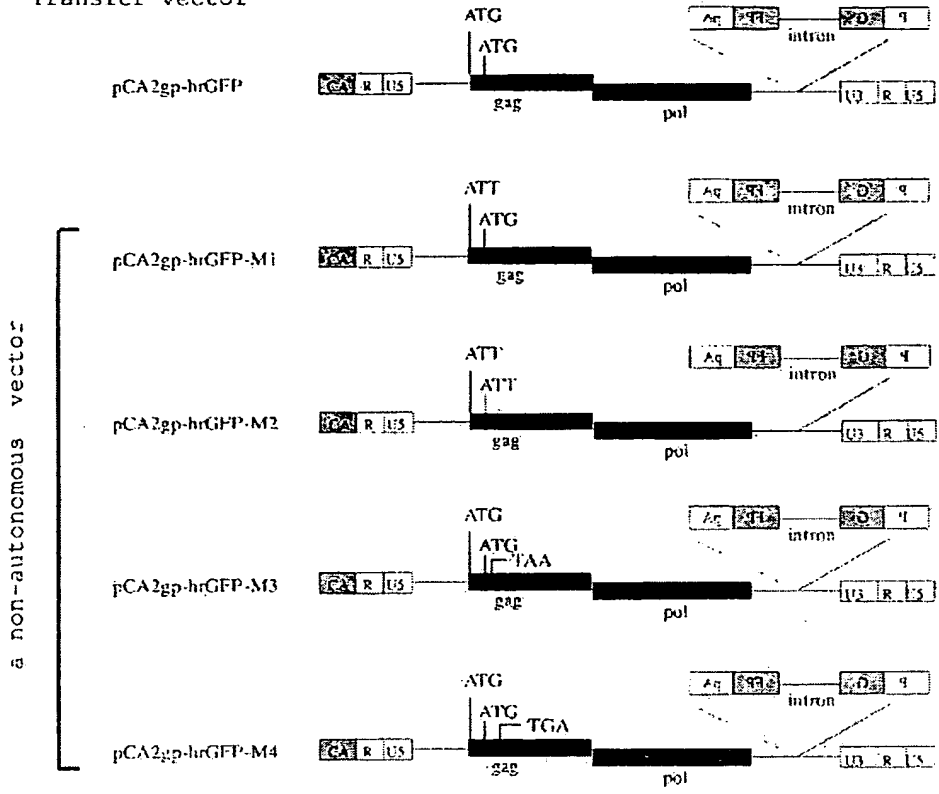
B

Vector	% GFP-positive
pCA2gp-hrGFP	0.29
pCA2gp-hrGFP-M1	0
pCA2gp-hrGFP-M1 + pCA2gp	0.22

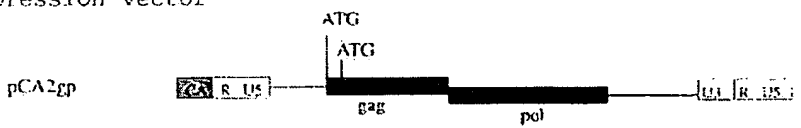
Fig. 10

A

Transfer vector



gag-pol. expression vector



B

Transfer vector	% GFP-positive	
	+pBluescript	+pCA2gp
pCA2gp-hrGFP	0.29	not done
pCA2gp-hrGFP-M1	0	0.215
pCA2gp-hrGFP-M2	0	0.005
pCA2gp-hrGFP-M3	0	0.04
pCA2gp-hrGFP-M4	0	0.015

Fig. 11